

Warnings about Installation of Receivers

- The wireless remote uses a very weak infrared light for its signal, which can result in the signal not being received because of the following influences, so take care in where the unit is installed.
  - Inverter or rapid-start type fluorescent lights. (Models without glow lamps)
  - Plasma display or LCD televisions.
  - Direct sunlight or other sources of bright light.

Warnings about Installing Remote Controllers

- If a remote controller is to be operated from a remote control holder that is hung on a wall, turn on the lights in the room as well as any electrical appliances and then check to make sure the air conditioner works with the remote controller in the location where it will be installed. If it works, continue with installation.
- If the air conditioner is to be switched from the main sensor to a remote control sensor, pay attention to the following when installing.
  - Locate where no warm or cold drafts will affect it.
  - Locate in a place free from direct sunlight.
  - Locate where it will not be affected by any other heat/cold source.

Customer Explanation

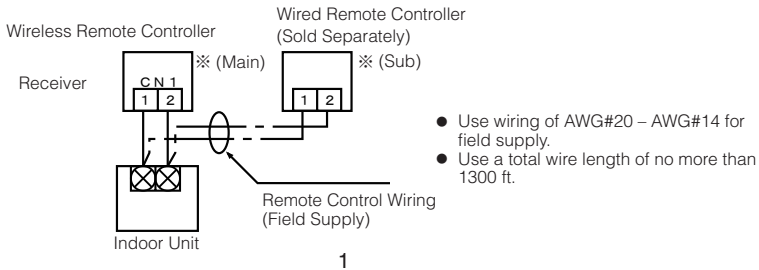
- Give the Operating Instructions and this manual to the customer after finishing the installation.
- Use the Operating Instructions to explain to the customer how to use and care for the unit.

Things to remember when wired and wireless remotes are installed at the same time

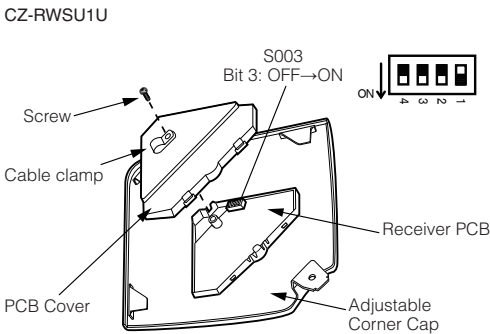
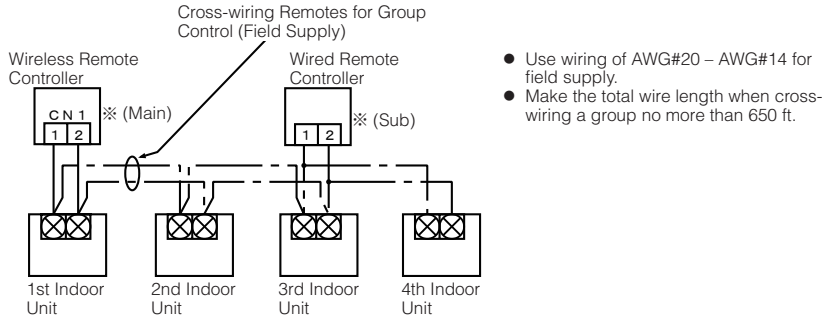
Two remote controllers can be used to control the unit if the wireless remote controller is installed at the same time as the remote controller.  
(Up to 2 remotes [a wireless remote controller and the wired remote controller] can be installed.)  
When using 2 remotes, one or more units can be operated by the remotes.  
<Note> When wiring remote controllers, be sure to double-check the terminal numbers of the indoor unit before connecting them so there are no mistakes in the wiring. (Damage will occur if high voltage [e.g. supply voltage] is applied.)  
<Note> It is not possible to use more than one wireless remote controller with one indoor unit. (A receiver located separately can be used at the same time.)  
<Note> If both a wireless and a wired remote controller are to be installed and used at the same time, one of them must be set up as the sub remote controller.  
• If the wired remote controller is to be the sub remote, change the wired remote controller to the sub remote.  
• If the wireless remote controller is to be the secondary, turn the #3 switch on the wireless receiver (operation panel) from OFF to ON.

When 1 indoor unit is operated by 2 remote controllers:

※ Either of the remotes can be set to main/sub.



If a group of units are to be controlled by 2 remote controllers;  
※ Main/sub remote controllers will work regardless of which indoor unit they are installed to.

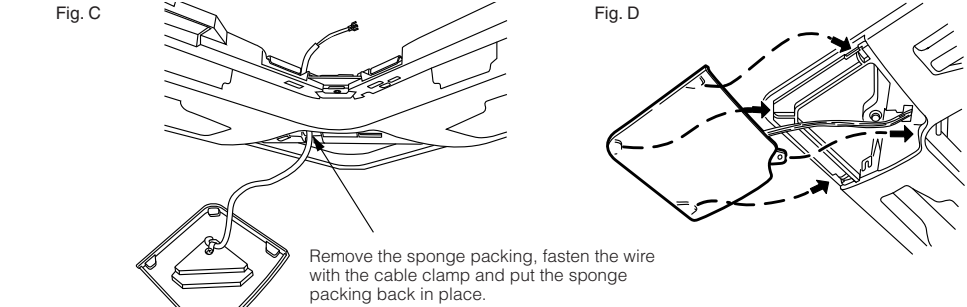


Accessories

No.	Accessories	Quantity	No.	Accessories	Quantity
1	Receiver	1	4	Dry-cell Batteries	2
2	Remote Controller	1	5	Operating Instructions	1
3	Remote Control Holder	1	6	Truss Self-Tapping Screws	2
			7	Cable clamp	1
			8	Clamp fixing screw	1

Installing the Receiver

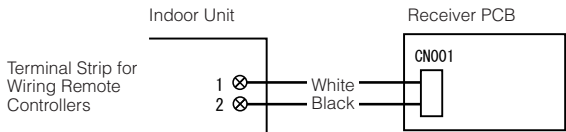
- The receiver can only be installed on the corner indicated in Fig. A, so consider how the panel will face when it is installed on the indoor unit.
- 1 Remove the air inlet grill.
- 2 Remove the screw holding the adjustable corner cap, slide the cap to the side and remove it. (Fig. B)
- 3 A packing is stuffed into the square hole through which the panel wiring passes; temporarily remove the sponge packing and pass the wire sticking out from the wireless receiver through the grill. Hold the wire in place with the enclosed clamp by tightening the screw, then stuff the sponge back in place. (Fig. C)
- If this packing is not put back, condensation may form on the wire, so it is absolutely necessary to put the sponge packing back in place before continuing with the installation.
- 4 After wiring according to the directions in Wiring the Receiver Unit below, leave enough wiring so the receiver's adjustable corner cap can be removed and fasten the cable clamp with its screw. (Fig. C)
- 5 Install the panel on the receiver. When doing so, slide the panel so its tabs fit into their 3 places. Also, take care so the wire does not get pinched. (Fig. D)
- Refer to the Operating Instructions packed with the panel.



- <Note 1> If the wiring for the receiver is bundled with other wires, such as the incoming line, it may cause a malfunction, so avoid putting them together.
- <Note 2> If something causes the unit's power source to make noise, it will be necessary to resolve the problem, such as by installing a noise filter.
- For more information about wiring or test operation, refer to Wiring the Receiver and Test Run.

Wiring the Receiver

Wiring Diagram



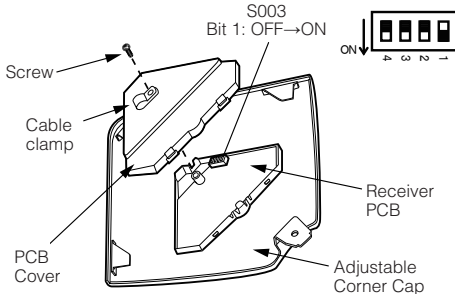
Connections

- Connect the wires from the receiver to the remote control terminal strip on the indoor unit. (Polarity does not matter.)

Test Operation

Implementing a Test Run

1. Turn the #1 DIP switch [S003] on the receiver's PCB from OFF to ON and operate the wireless remote controller with its Start/Stop button.
  2. During a test run, all display lamps on the display will light up.
  3. During a test run, it is not possible to adjust the temperature.
  4. After completing a test run, be absolutely sure to turn the #1 DIP switch from ON to OFF and make sure none of the display lamps are blinking. Also, replace the PCB cover back as it was and fasten it; while holding the wiring with the cable clamp, tighten its screw.
- <Note 1> This is hard on the device, so only use this for the test run.  
<Note 2> After turning on the power, the unit will not receive any commands from the remote controller for about 1 minute. This is not an error. (In fact it does receive signals, but they are cancelled.)



Setting Address Switches

- When more than one receiver and remote controllers are installed in the same room, setting up addresses allows them to avoid interfering with each other.
- Refer to the Operating Instructions for information on how to change the addresses of the remote controllers.
- Changing the address of a receiver can be done after removing the screw to the receiver's PCB cover. Once the change is complete, put the cover back in place; while holding the wiring with the cable clamp, tighten its screw.

Address Display on the Remote Controller	1	2	...	6
Position of the Receiver's Address Switch	It doesn't matter where the receiver's address switch is.	It doesn't matter where the receiver's address switch is.	It doesn't matter where the receiver's address switch is.	It doesn't matter where the receiver's address switch is.

Alarm Display in the table below indicates the content of alarms that are displayed when a wired remote controller is connected. For information on how to deal with the alarms, refer to the Mounting Instructions for the indoor unit or to Test Run or servicing materials.

● : Off / ○ : On / ◎ : Blinking (0.5 sec. intervals)

### Common to All Models

- The indoor unit and the wireless remote controller are equipped with indoor temperature sensors. The sensing of indoor temperature works via one of them.
- When the unit is shipped, it is set to the indoor unit, but to switch to the remote controller, press the sensor button (diagram at right) inside the remote controller's cover and then check to make sure that Main Sensor on the LCD screen goes off.

The control panel includes the following buttons and functions:

- Left Column:**
  - Top: Two buttons with circular arrows and a vertical bar.
  - Second: Two buttons with up and down arrows.
  - Third: Two buttons with left and right arrows.
  - Bottom: A button with a circular arrow and a vertical bar, and a button labeled "CANCEL".
- Right Column:**
  - Top: A button with a document icon.
  - Second: A button with a house icon.
  - Third: A button with a house icon and a plus sign.
  - Bottom: A button labeled "ADR".
- Other Buttons:**
  - A button with a grid icon.
  - A button with a circular arrow.
  - A button labeled "RESET".
  - A button labeled "SENSOR".

Sensor Button



The functions of the wireless remote can be set on site.

(These settings are saved in nonvolatile memory in the remote controller, so even when its batteries are changed, the settings do not revert to the defaults.)

<Note> The operation of the air conditioner can be impacted, depending on the settings made, so only service personnel should make the settings.

Furthermore, making changes to these settings may cause actual operation to deviate from what is printed in the Operating Instructions, so be sure to explain this to the customer fully.

1. Holding down the Swing/Wind Direction + OFF Timer  + Mode Select buttons at the same time for 4 or more seconds makes the display switch to the setting screen. (See Diagram Below.)

2. Use the Temperature setting buttons,  / , to select the number of the item to be set.
3. Use the ON Timer buttons,  / , to change settings.
4. The settings are saved with the Once/Every Day button. When this is done, the settings display of the LCD changes from blinking to light.
5. If other settings are to be changed as well, repeat steps 2 to 4.
6. When all settings have been made, press the Start/Stop button.

Note 1	While the unit is in the swinging mode (Swing/Wind Direction), the flap cannot be stopped in a desired position.
Note 2	When Setting OFF is selected, "°C" is displayed on the LCD screen.
Note 3	You can toggle between ON and OFF by pressing Ventilation for 4 seconds or more.
Note 4	If the Heater Max ON/OFF setting is not changed to EP (ON), the setting change will not be reflected.
Note 5	This is the number of addresses that can be set in the address change mode. Do not set it to 07 or above.